

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1276231

Luminaire Tested: P3AS13R559835DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276231
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R559835DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

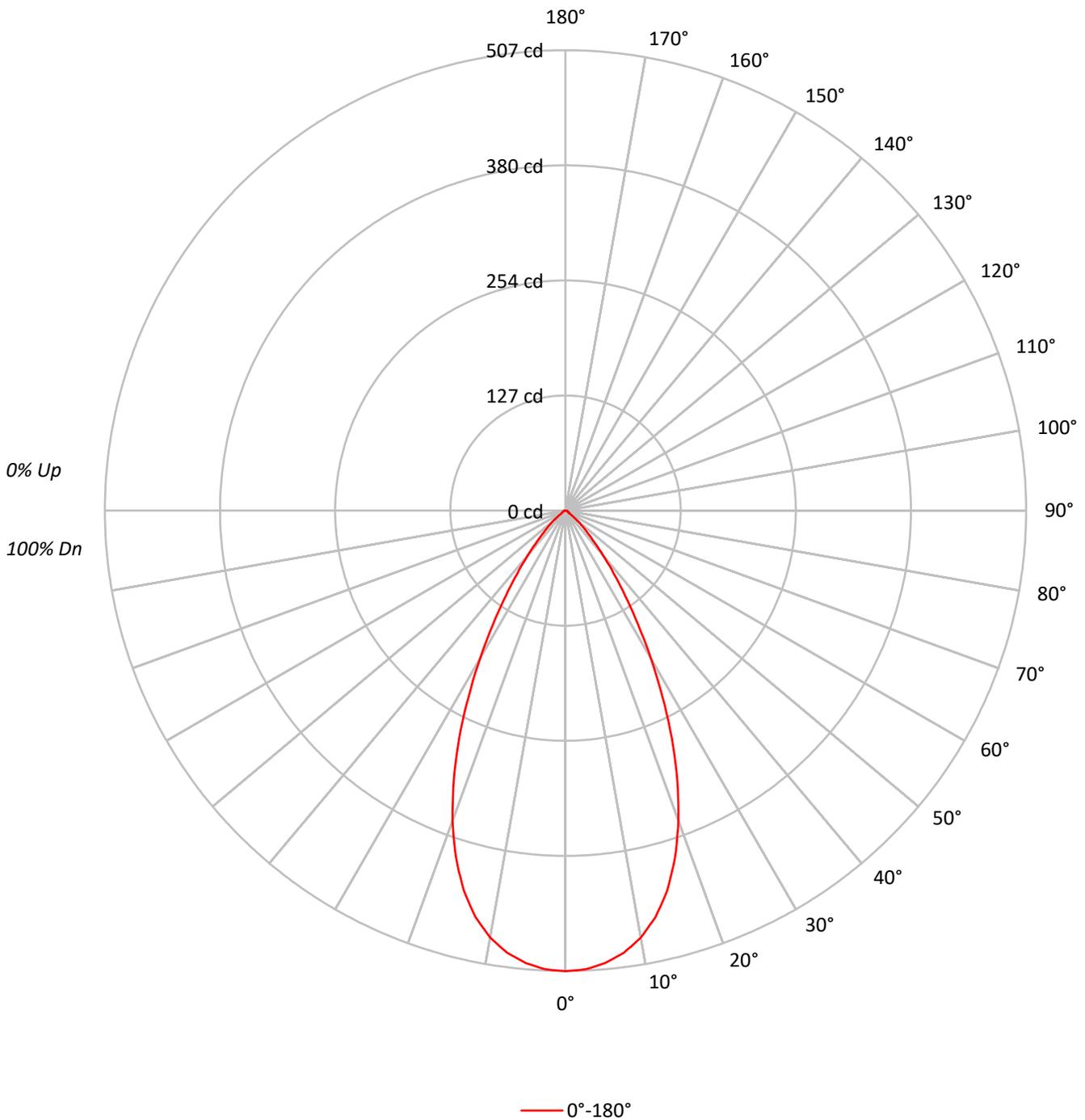
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 405.0 lumens
Efficiency: N/A
Efficacy: 27.9 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	113	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95	93				93
2	108	103	99	95	106	101	97	94	98	95	92	95	92	90	92	90	88	87				87
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	85	82	81				81
4	97	90	84	80	95	89	83	79	86	82	78	84	81	78	82	79	77	75				75
5	92	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70				70
6	88	79	73	69	86	78	73	68	77	72	68	75	71	68	74	70	67	66				66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62				62
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58				58
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55				55
10	73	63	57	53	72	62	57	53	62	57	53	61	56	53	60	56	53	52				52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	111219
5°	110081
10°	106300
15°	98253
20°	84801
25°	66972
30°	47501
35°	30624
40°	18406
45°	10358
50°	5561
55°	1988
60°	1798
65°	1712
70°	1667
75°	1610
80°	1389
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 10358 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.0	11.6
10°-20°	119.7	29.6
20°-30°	125.4	31.0
30°-40°	73.2	18.1
40°-50°	27.4	6.8
50°-60°	6.5	1.6
60°-70°	3.3	0.8
70°-80°	2.0	0.5
80°-90°	0.6	0.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	292.2	72.1
0°-40°	365.3	90.2
0°-60°	399.2	98.6
0°-90°	405.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	405.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	507	
5°	500	47
15°	433	120
25°	277	125
35°	114	73
45°	33	27
55°	5	6
65°	3	3
75°	2	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	507.2
2.5°	505.7
5°	500.1
7.5°	491.2
10°	477.4
12.5°	458.1
15°	432.8
17.5°	400.9
20°	363.4
22.5°	321.4
25°	276.8
27.5°	231.1
30°	187.6
32.5°	148.2
35°	114.4
37.5°	86.9
40°	64.3
42.5°	46.1
45°	33.4
47.5°	24.2
50°	16.3
52.5°	9.3
55°	5.2
57.5°	4.5
60°	4.1
62.5°	3.7
65°	3.3
67.5°	3.0
70°	2.6
72.5°	2.2
75°	1.9
77.5°	1.5
80°	1.1
82.5°	0.7
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)